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Second edition
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Paints and varnishes — Determination of scratch resistance —

Part 1: Constant-loading method

*Peintures et vernis — Détermination de la résistance à la rayure —
Partie 1: Méthode à charge constante*



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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

This second edition cancels and replaces the first edition (ISO 1518-1:2011), which has been technically revised. The main changes compared to the previous edition are as follows:

- [Clause 3](#), Terms and definitions, has been added;
- for the hard-metal tip, styli with tips of diameter 0,75 mm and 3,0 mm have been added;
- a description of the test panels has been added;
- scoring of the surface has been added to the evaluation;
- a requirement to examine the tip of the stylus for damage, contamination and smooth in appearance has been added;
- [Clauses 7](#) and [10](#) have been aligned to ISO 1518-2.

A list of all parts in the ISO 1518 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.